

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101315.D
 Acq On : 12 Dec 2017 5:36
 Operator : SJ/JU
 Sample : I6764-05 2X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 07:09:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

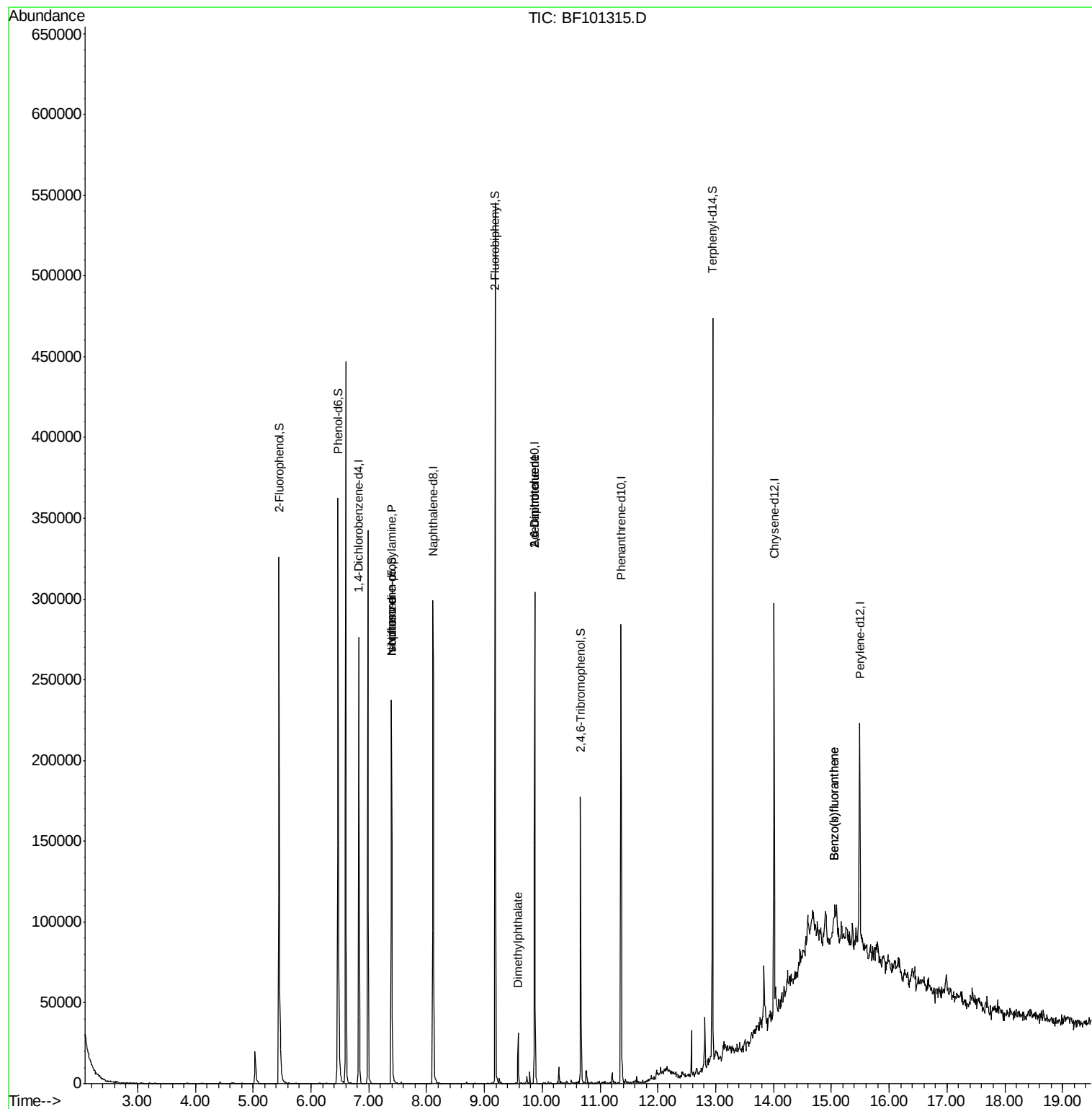
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	40512	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	144767	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	56809	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	101424	20.00	ng	0.00
75) Chrysene-d12	14.01	240	87628	20.00	ng	0.00
86) Perylene-d12	15.49	264	66898	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	109980	44.86	ng	0.00
7) Phenol-d6	6.46	99	133023	44.69	ng	0.00
23) Nitrobenzene-d5	7.39	82	74316	30.62	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	23067	33.80	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	165026	39.75	ng	0.00
78) Terphenyl-d14	12.94	244	137723	34.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	9351	4.665	ng	# 76
25) Isophorone	7.39	82	74316	17.928	ng	# 64
49) Dimethylphthalate	9.58	163	14651	3.198	ng	# 99
50) 2,6-Dinitrotoluene	9.87	165	7288	7.553	ng	# 24
56) 2,4-Dinitrotoluene	9.87	165	7288	5.636	ng	# 21
87) Benzo(b)fluoranthene	15.06	252	10197	2.545	ng	# 59
88) Benzo(k)fluoranthene	15.06	252	10197	2.583	ng	# 63

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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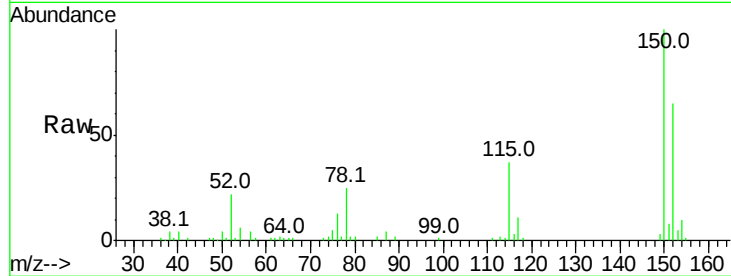


#1

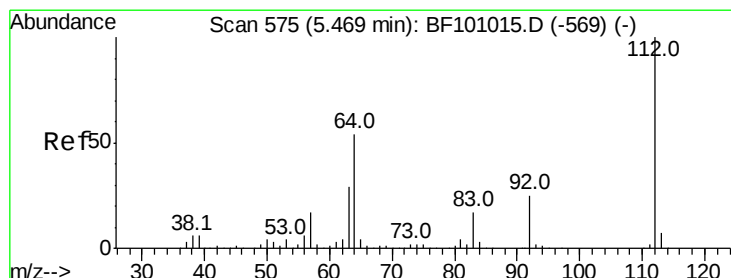
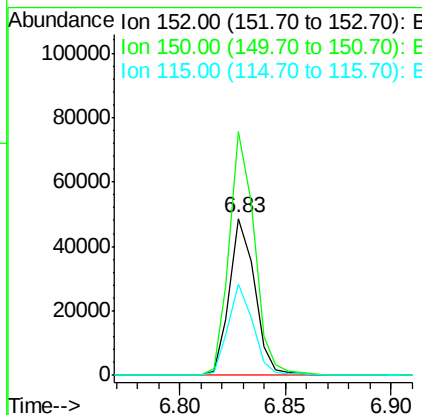
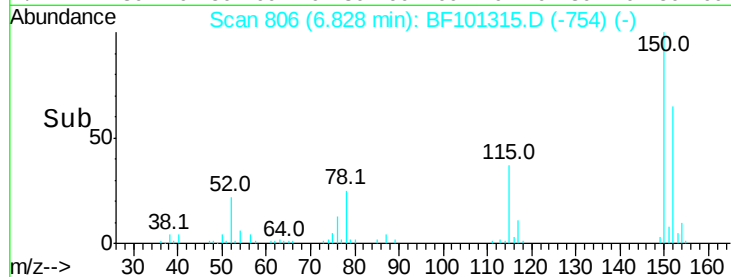
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101315.D
Acq: 12 Dec 2017 5:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 40512
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 58.0 50.1 75.1



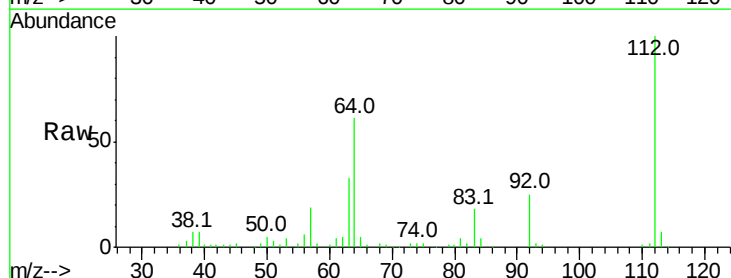
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



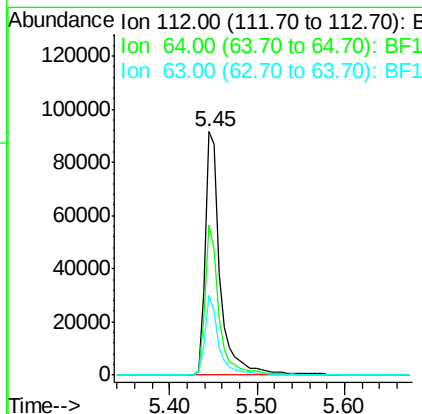
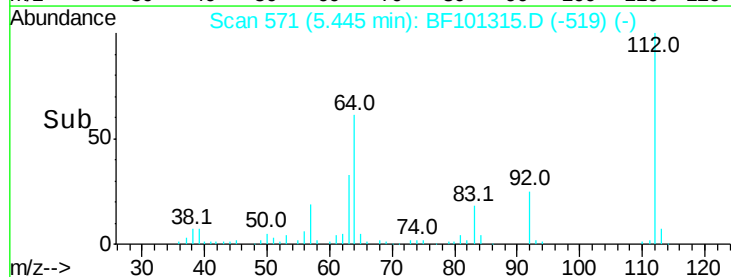
#5

2-Fluorophenol
Concen: 44.860 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101315.D
Acq: 12 Dec 2017 5:36

Tgt Ion:112 Resp: 109980
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 32.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 44.691 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101315.D

Acq: 12 Dec 2017 5:36

Instrument :

BNA_F

ClientSampleId :

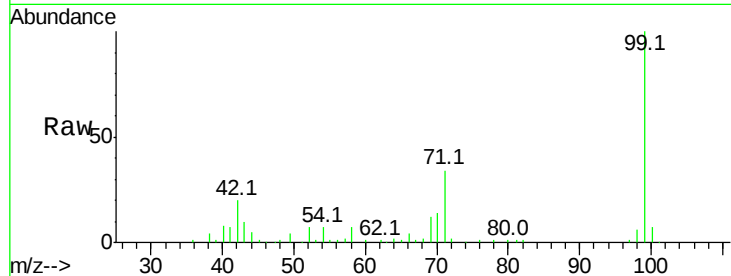
Tot Ion: 99 Resp: 133023

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

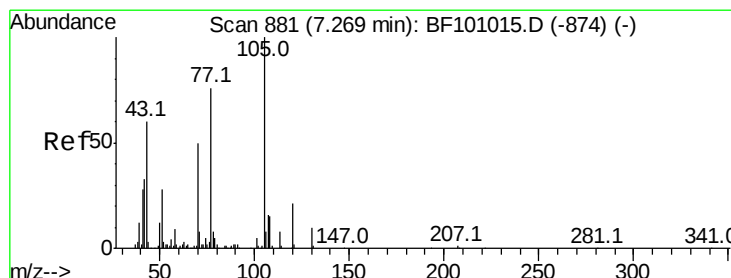
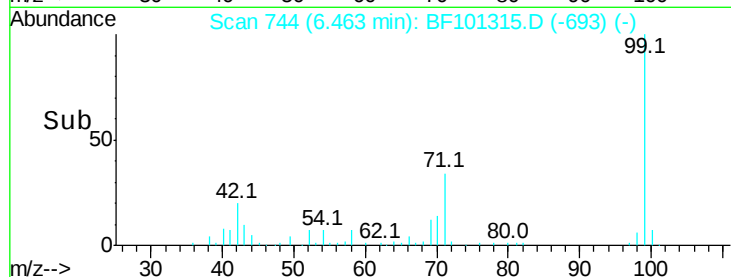
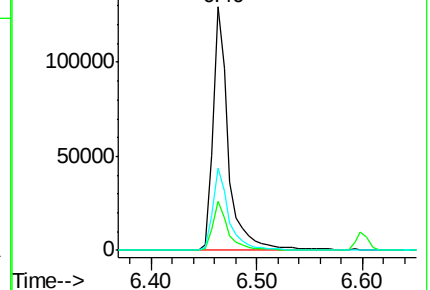
71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 4.665 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF101315.D

Acq: 12 Dec 2017 5:36

Tgt Ion: 70 Resp: 9351

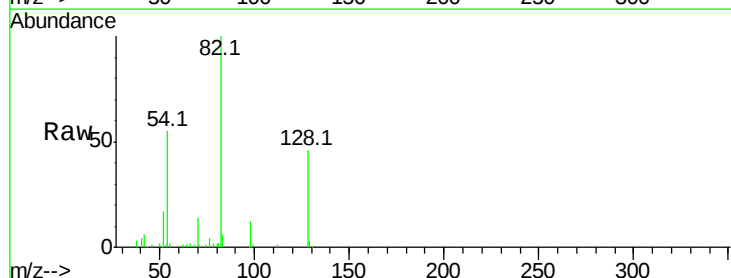
Ion Ratio Lower Upper

70 100

42 45.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

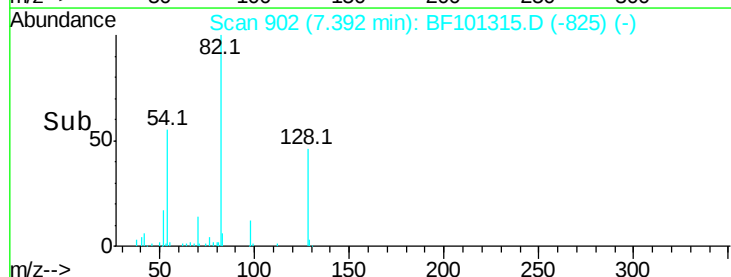
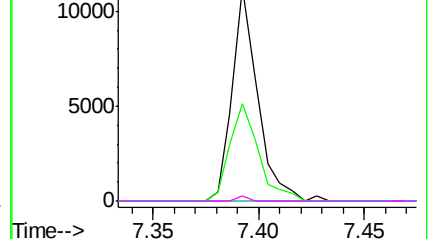


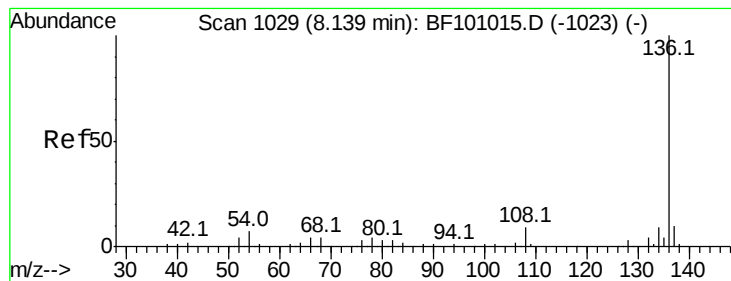
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF101315.D

Acq: 12 Dec 2017 5:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 144767

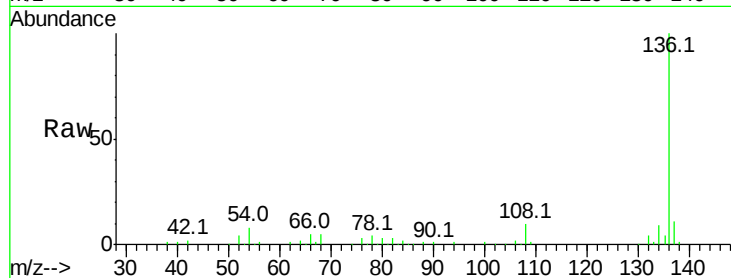
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 5.0 5.0 7.4

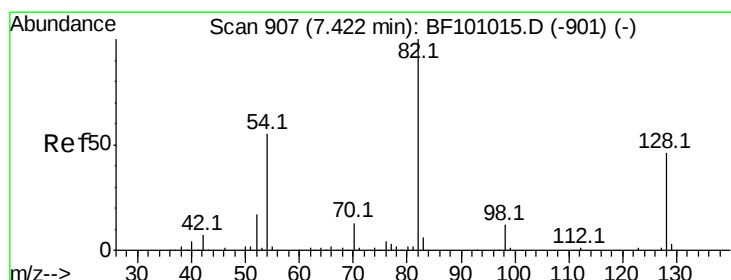
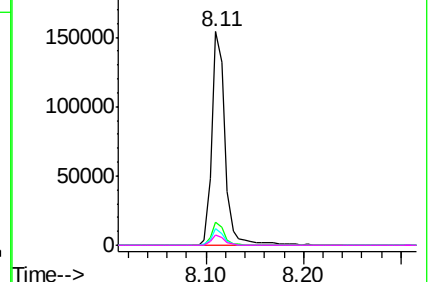
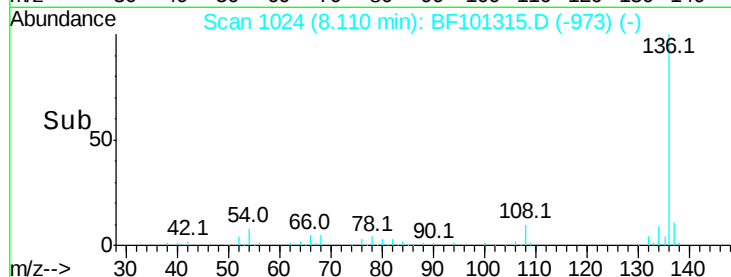


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 30.623 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF101315.D

Acq: 12 Dec 2017 5:36

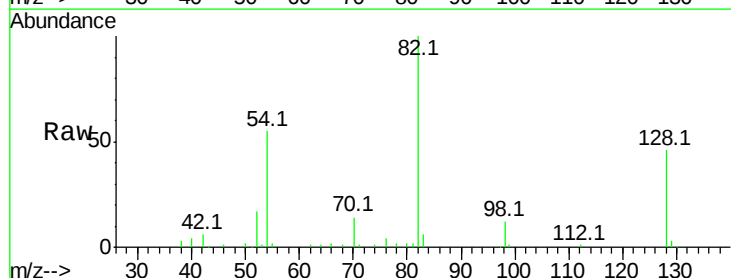
Tgt Ion: 82 Resp: 74316

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

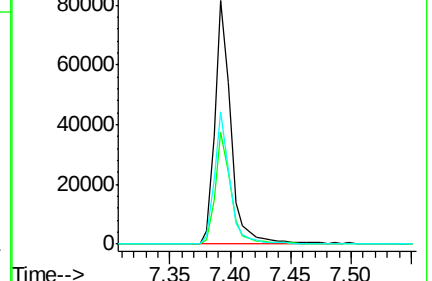
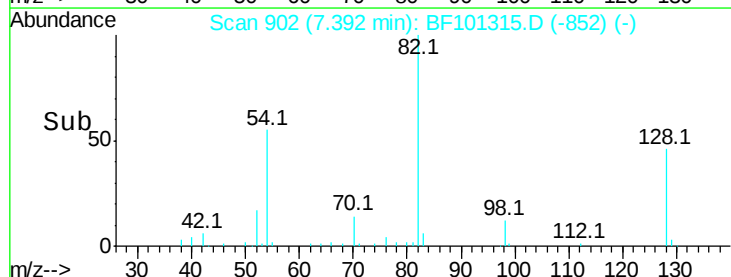
54 54.5 41.4 62.2

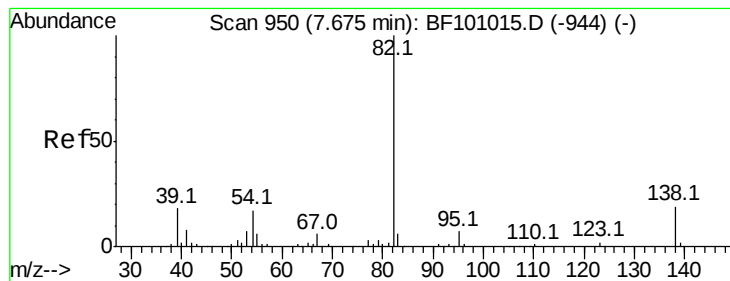


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 17.928 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF101315.D

Acq: 12 Dec 2017 5:36

Instrument :

BNA_F

ClientSampleId :

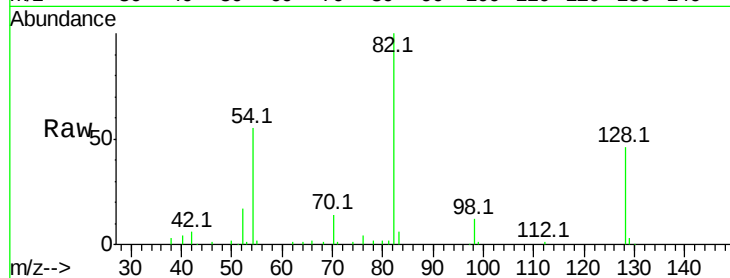
Tot Ion: 82 Resp: 74316

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

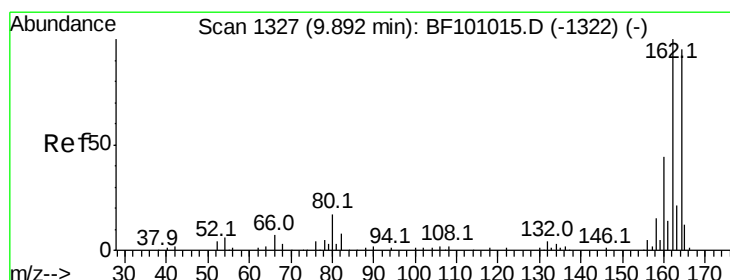
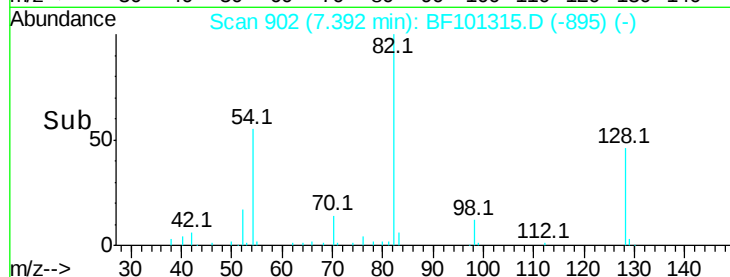
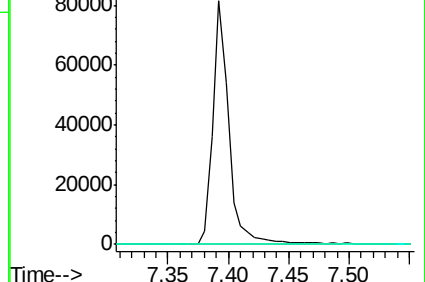
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101315.D

Acq: 12 Dec 2017 5:36

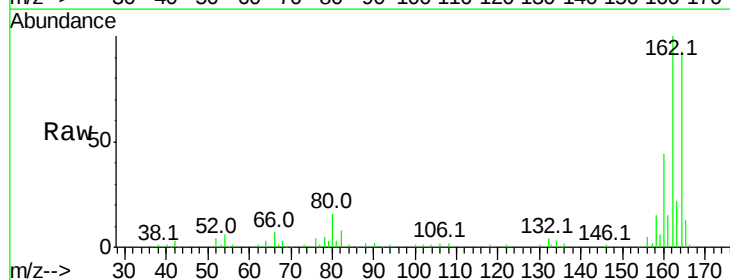
Tgt Ion:164 Resp: 56809

Ion Ratio Lower Upper

164 100

162 107.6 86.1 129.1

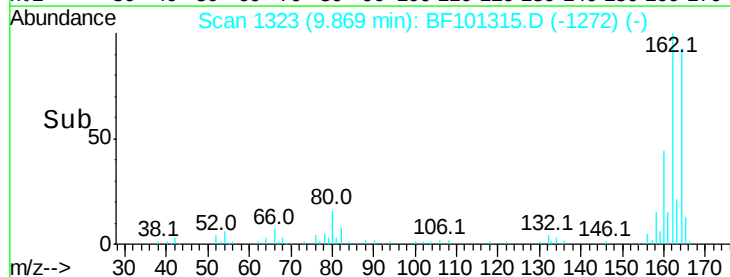
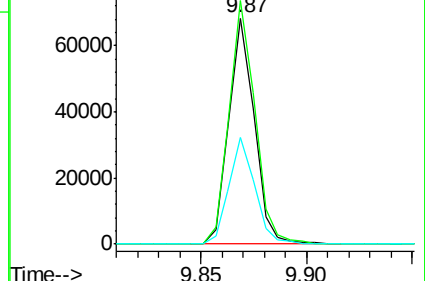
160 47.2 38.3 57.5

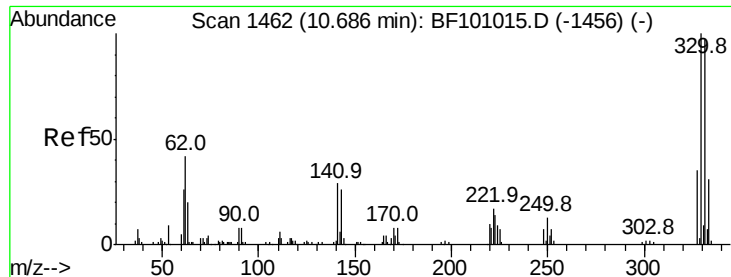


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

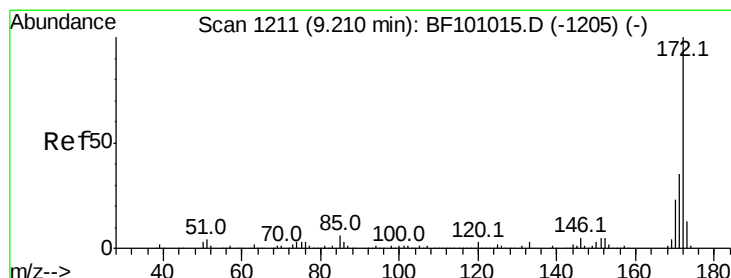
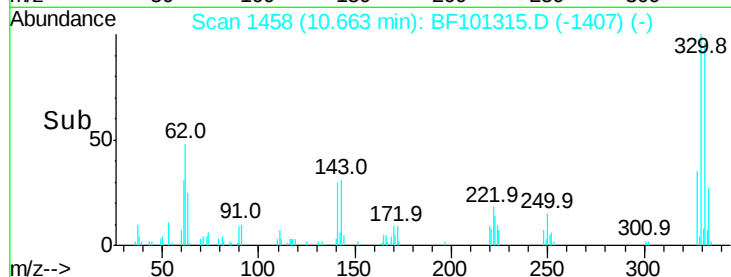
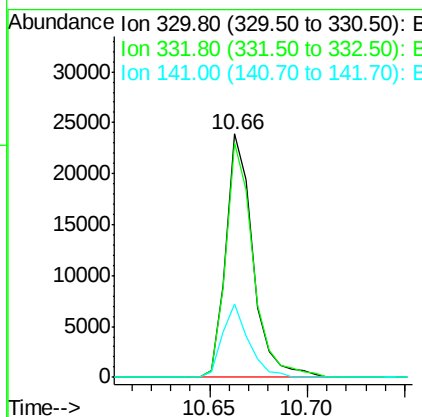
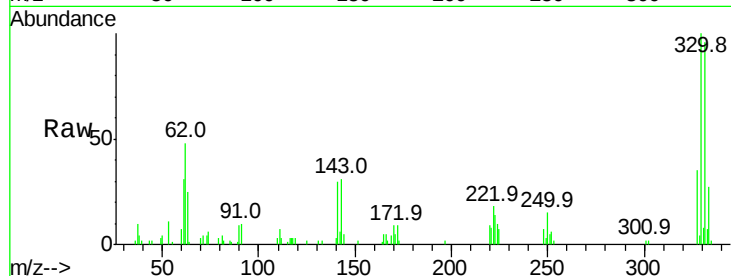




#41
 2,4,6-Tribromophenol
 Concen: 33.801 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF101315.D
 Acq: 12 Dec 2017 5:36

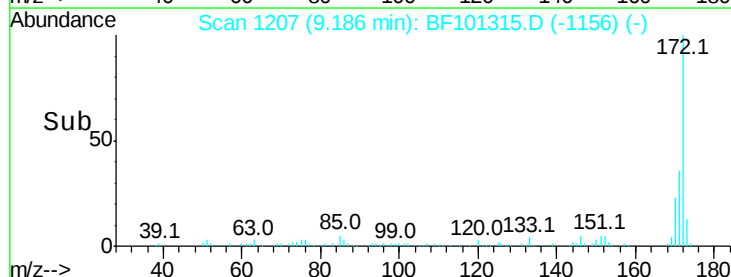
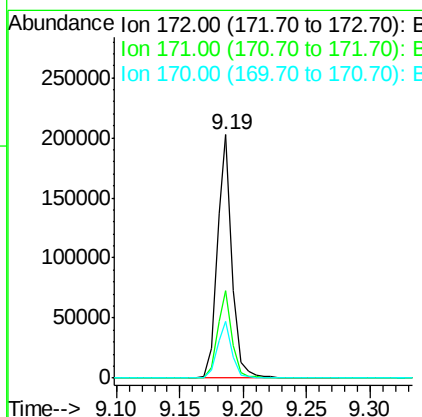
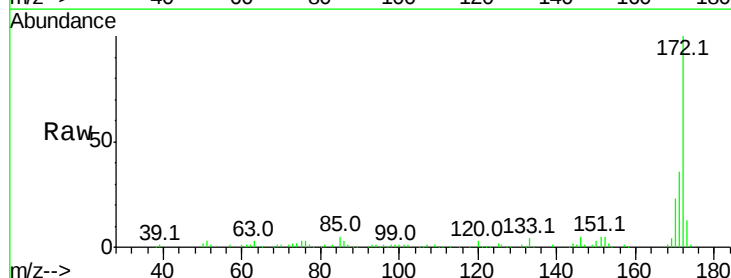
Instrument :
 BNA_F
 ClientSampleId :

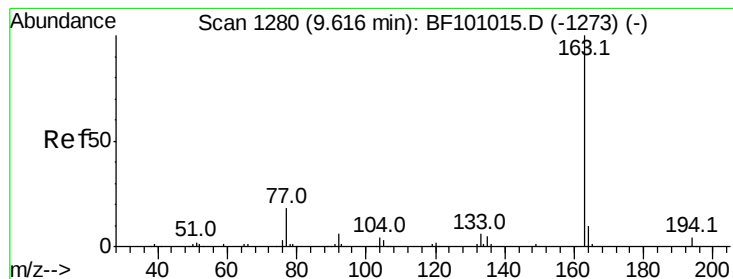
Tot Ion:330 Resp: 23067
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 29.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 39.745 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF101315.D
 Acq: 12 Dec 2017 5:36

Tgt Ion:172 Resp: 165026
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.2 19.6 29.4





#49

Dimethylphthalate

Concen: 3.198 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF101315.D

Acq: 12 Dec 2017 5:36

Instrument :

BNA_F

ClientSampleId :

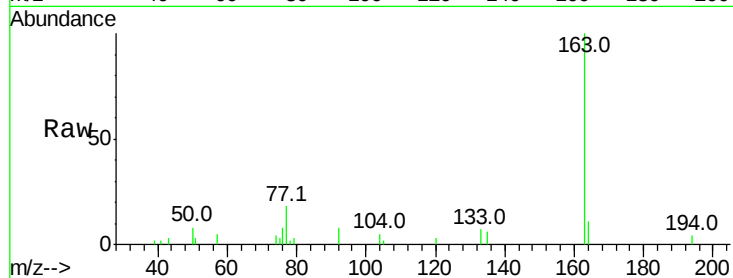
Tot Ion:163 Resp: 14651

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

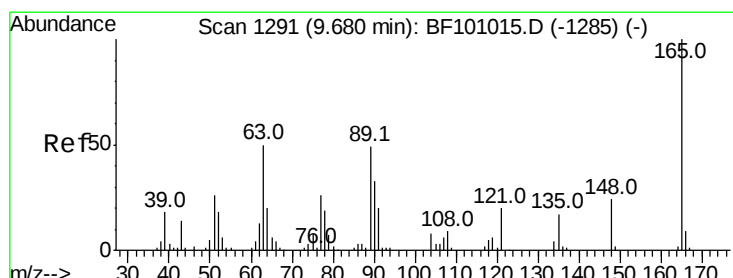
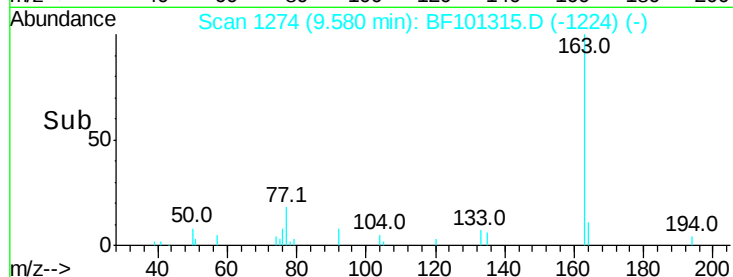
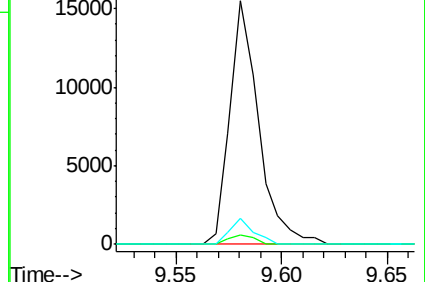
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.553 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.21 min

Lab File: BF101315.D

Acq: 12 Dec 2017 5:36

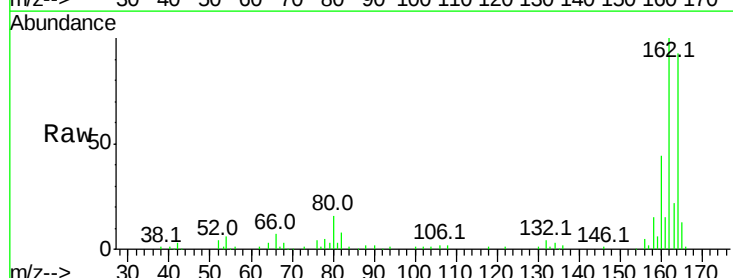
Tgt Ion:165 Resp: 7288

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

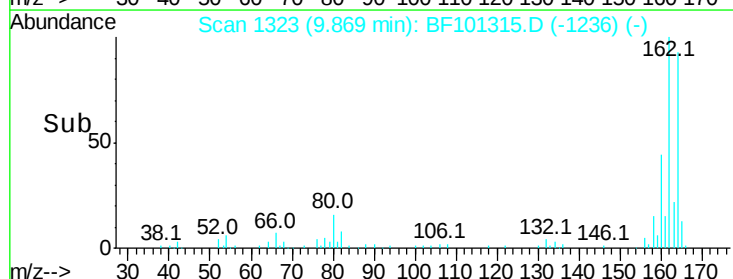
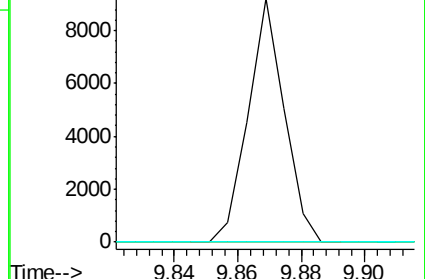
89 0.0 44.0 66.0#

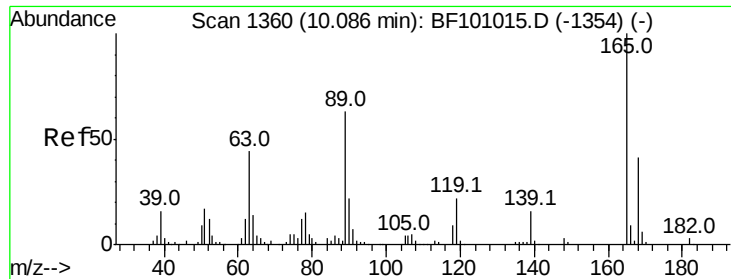


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

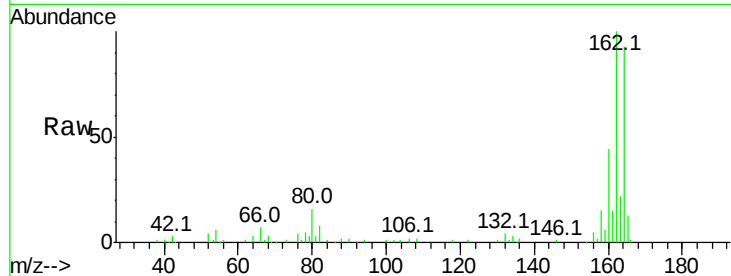




#56
 2,4-Dinitrotoluene
 Concen: 5.636 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF101315.D
 Acq: 12 Dec 2017 5:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp:	7288
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

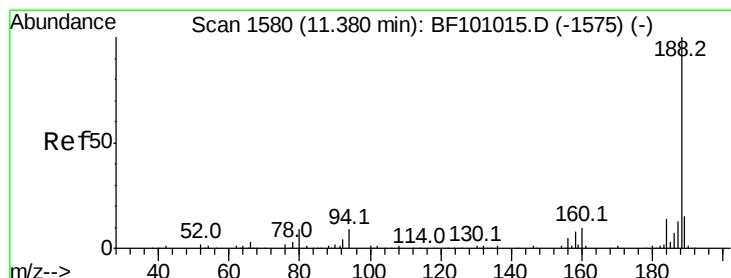
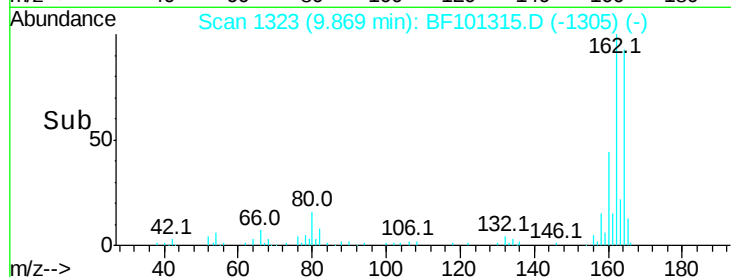
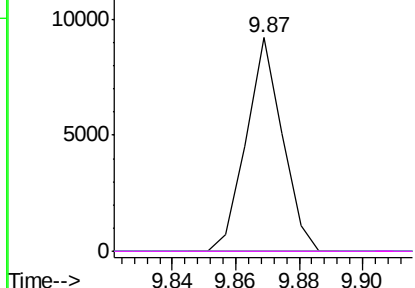


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

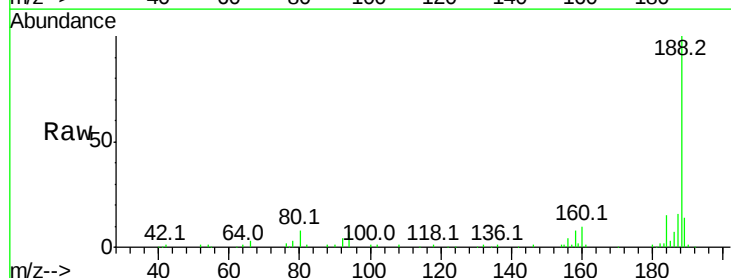
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF101315.D
 Acq: 12 Dec 2017 5:36

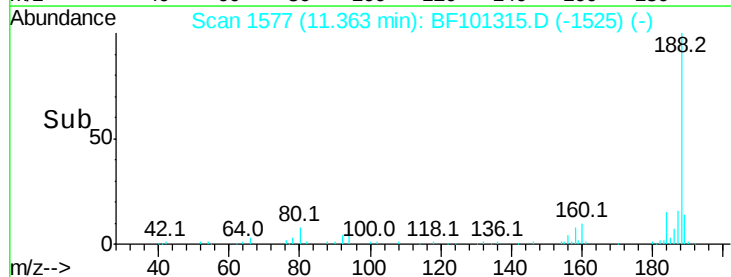
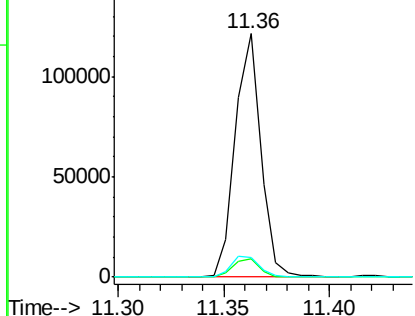
Tgt Ion:188	Resp:	101424
Ion Ratio	Lower	Upper
188	100	
94	7.4	8.5 12.7#
80	7.9	9.2 13.8#

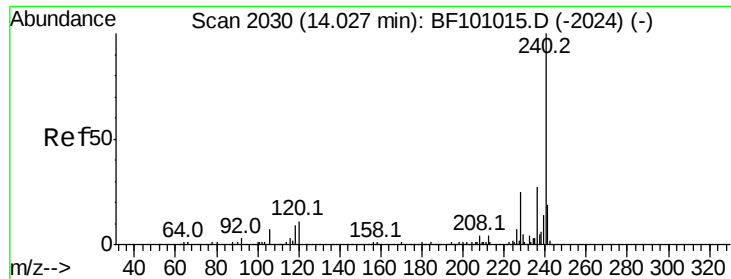


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

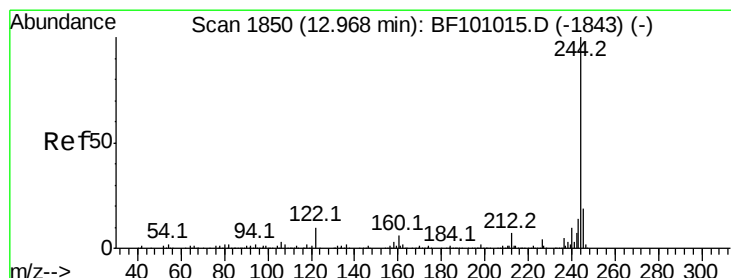
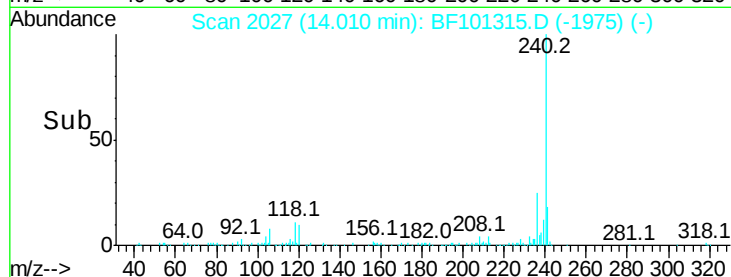
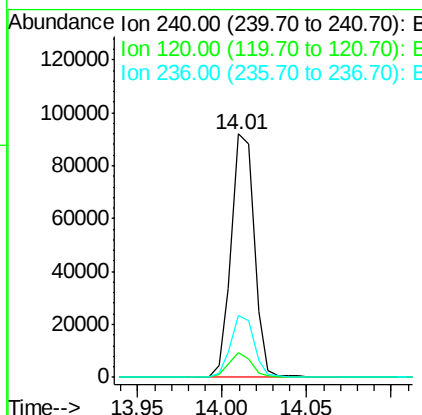
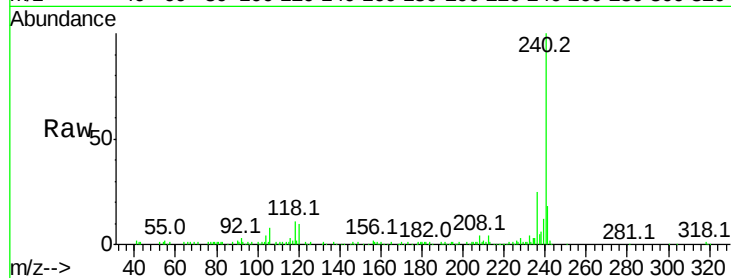




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF101315.D
 Acq: 12 Dec 2017 5:36

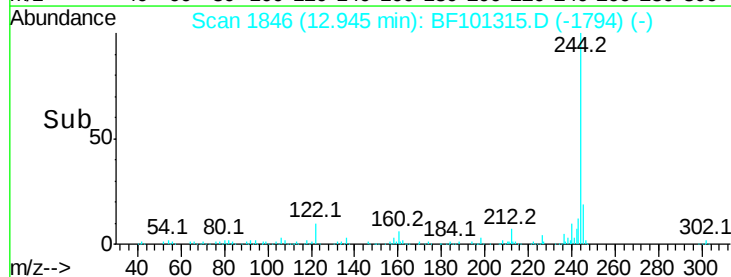
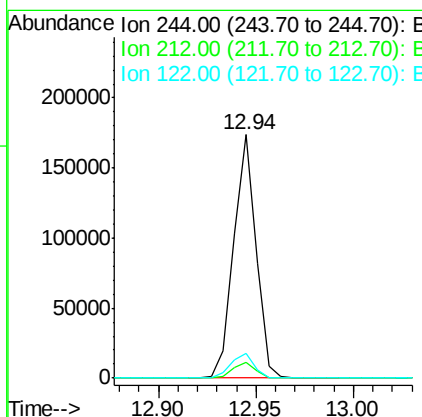
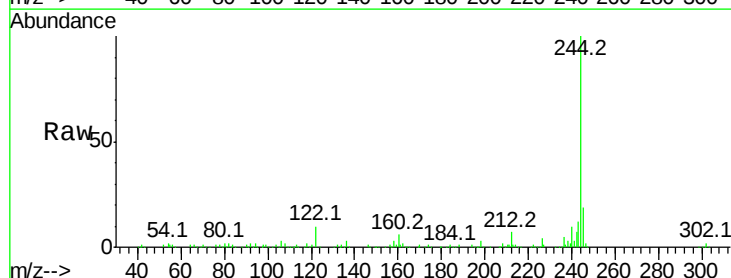
Instrument :
 BNA_F
 ClientSampleId :

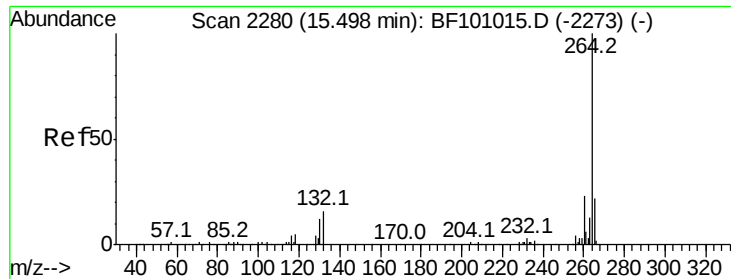
Tot Ion:240 Resp: 87628
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.5 14.3
 236 25.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 34.377 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101315.D
 Acq: 12 Dec 2017 5:36

Tgt Ion:244 Resp: 137723
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.9 11.0 16.4#

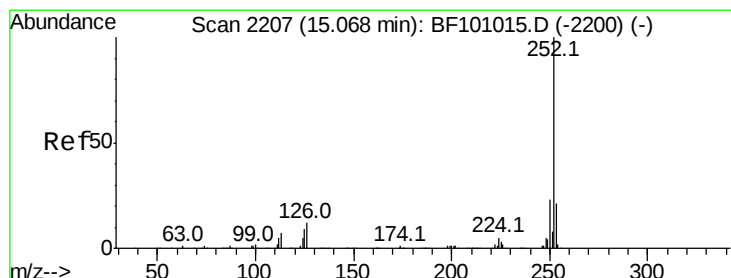
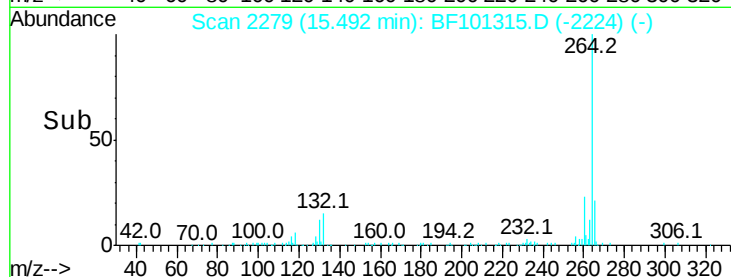
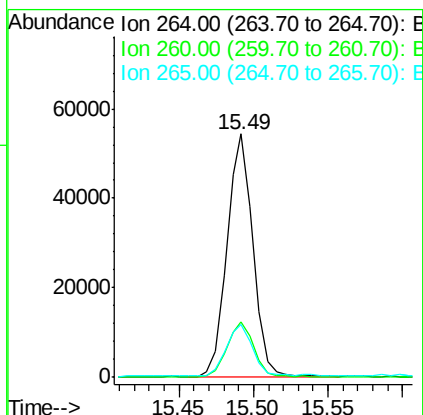
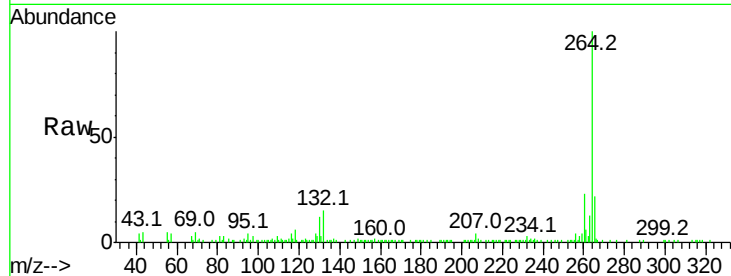




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101315.D
Acq: 12 Dec 2017 5:36

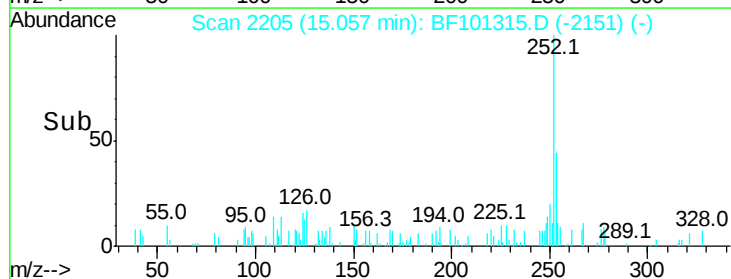
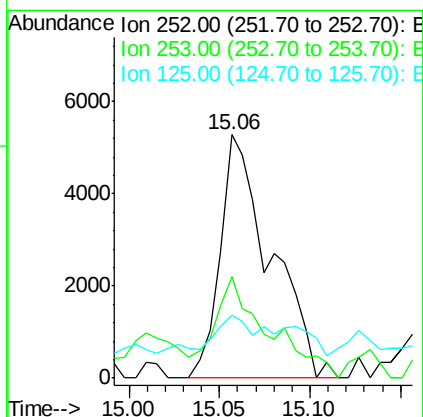
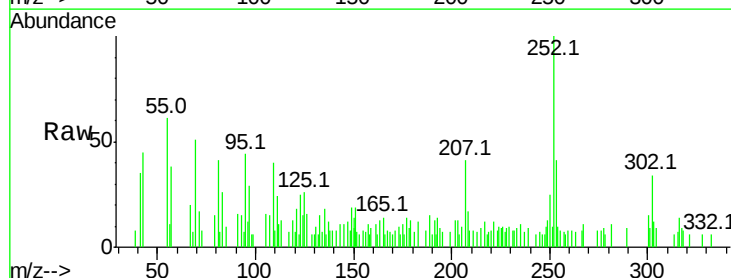
Instrument :
BNA_F
ClientSampleId :

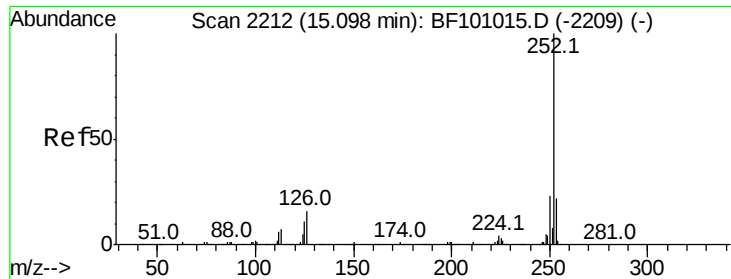
Tot Ion:264 Resp: 66898
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 21.5 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.545 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101315.D
Acq: 12 Dec 2017 5:36

Tgt Ion:252 Resp: 10197
Ion Ratio Lower Upper
252 100
253 41.5 17.0 25.6#
125 25.7 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 2.583 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.02 min

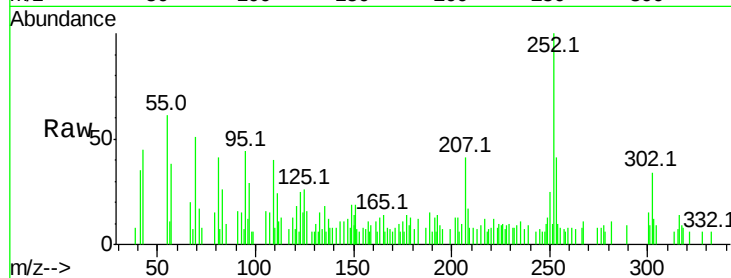
Lab File: BF101315.D

Acq: 12 Dec 2017 5:36

Instrument :

BNA_F

ClientSampleId :



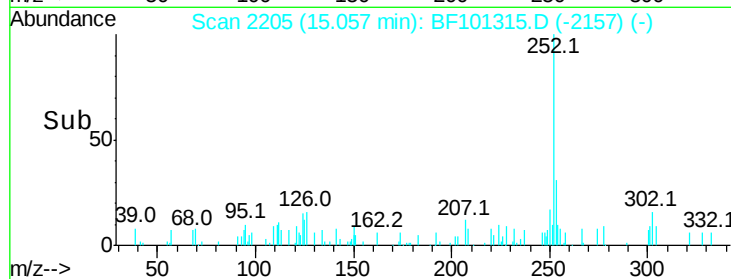
Tot Ion: 252 Resp: 10197

Ion Ratio Lower Upper

252 100

253 41.5 17.9 26.9#

125 25.7 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

